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Session 3: Summary of Issues and Actions

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Issues

- Only 17 of 44 ILRS stations responded to the survey. The 17 responsive stations were highly skewed towards the higher performing stations.
- Many stations are reporting difficulty in daylight tracking.
- Some stations complain about poor prediction quality, though some of the problem could be caused by other issues such as pointing accuracy
- Communication from some stations can be inconsistent, with emails going unanswered. Possible reasons: incorrect point of contact on site logs, language barriers, emailers unknown to station contacts
- It is not clear when a lack of communication indicates non-participation in the ILRS.
- Single photon stations show superior bias stability and NP spread, but centroiding may allow correction of multiphoton returns and lead to quicker acquisition
- Unified timing schemes of for co-located techniques do not exist for most stations

Actions

- May 2012 Herstmonceux Amendment contains FR requirement necessary for 1 mm, 1000 FR should be removed in favor of station specific requirement (1 mm or flicker floor)
- Explore methods to get stations more involved and communicative
- Continue to replace aging timing equipment at stations (TIUs)
- Potsdam will continue developing time-bias record service with the goal of making it publically available
- Simulate noise in LAGEOS distribution analysis to see biases are still reduced when the tail is not cut off